













Getting started with query building

Control	Query	Icon	Function	Icon	Function		
	AND		Expand filters		Execute query		Export visualizations
	OR		Hide filters		Save cohort		View Data Dictionary
	NOT		Cancel query		Save the remainder		Print

M/XDR TB DEPOT Query Examples

Example 1

Description	Query
<i>XDR</i> (extensively drug resistant TB) patients that were <i>cured</i>	type_of_resistance: xdr AND outcome: cured
<i>XDR</i> (extensively drug resistant TB) patients that either <i>failed</i> the treatment <i>or died</i>	type_of_resistance: xdr AND (outcome: failure OR outcome: died)
<i>XDR</i> (extensively drug resistant TB) patients that <i>failed</i> the treatment and did <i>not die</i>	type_of_resistance: xdr AND (outcome: failure NOT outcome: died)
Patients with clinical data that <i>does not satisfy the specified criteria</i> above	remainder[type_of_resistance: xdr AND (outcome: failure NOT outcome: died)]

Example 2

Description	Query
Bactec test for Isoniazid indicates a drug <i>sensitive</i> bacterial infection to the drug AND Hain test for Isoniazid indicates a drug <i>resistant</i> bacterial infection to the drug	bactec_isoniazid: s AND hain_isoniazid: r
Bactec test for Isoniazid indicates a drug <i>resistant</i> bacterial infection to the drug AND Hain test for Isoniazid indicates a drug <i>sensitive</i> bacterial infection to the drug	bactec_isoniazid: r AND hain_isoniazid: s

When building queries, parenthesis () are factored into the order of operations, whereas brackets [] are ignored



Introduction to simple query language using Boolean operators

Query	Cohort	Results Description
A	Find all fruit with property A	If A is "green", all green fruit (green apples and pears)
A OR B	Find all fruit with properties A or B	If A is "green" and B is "red", all green or red fruit together (pears, red and green apples)
A NOT B	Find all fruit with properties A but not B	If A is "green" and B is "round", all green pears, but not round green apples
(A OR B) AND C	Find all fruit with properties A or B, then take only the fruits that possess property C	If A is "green" and B is "red", all apples and pears are found; then if C is "round", only apples remain.
A OR (B AND C)	Find all fruit with properties B or C, then add the fruits that possess property A	If B is "red" and C is "round", all red apples are found; then if C is "green", all green fruit (pears and green apples) will be found and added to the red apples.

To access the M/XDR TB DEPOT, visit:

<https://depot.tbportals.niaid.nih.gov/>

Email us at depot_support@niaid.nih.gov
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